

ABSTRACT

The invention includes methods and compositions for the generation of antibody-producing cells without the need for hybridoma formation. In one embodiment, the method includes the generation of monoclonal antibody producing cells by harvesting
5 cells from a transgenic mouse with an immortalized cell population. In other embodiments, the method includes the use of a transgenic mouse with an immortalized cell population crossed with a transgenic mouse capable of producing humanized antibodies to produce a human and immortalized monoclonal antibody producing cell line.

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